Missouri Botanical Garden

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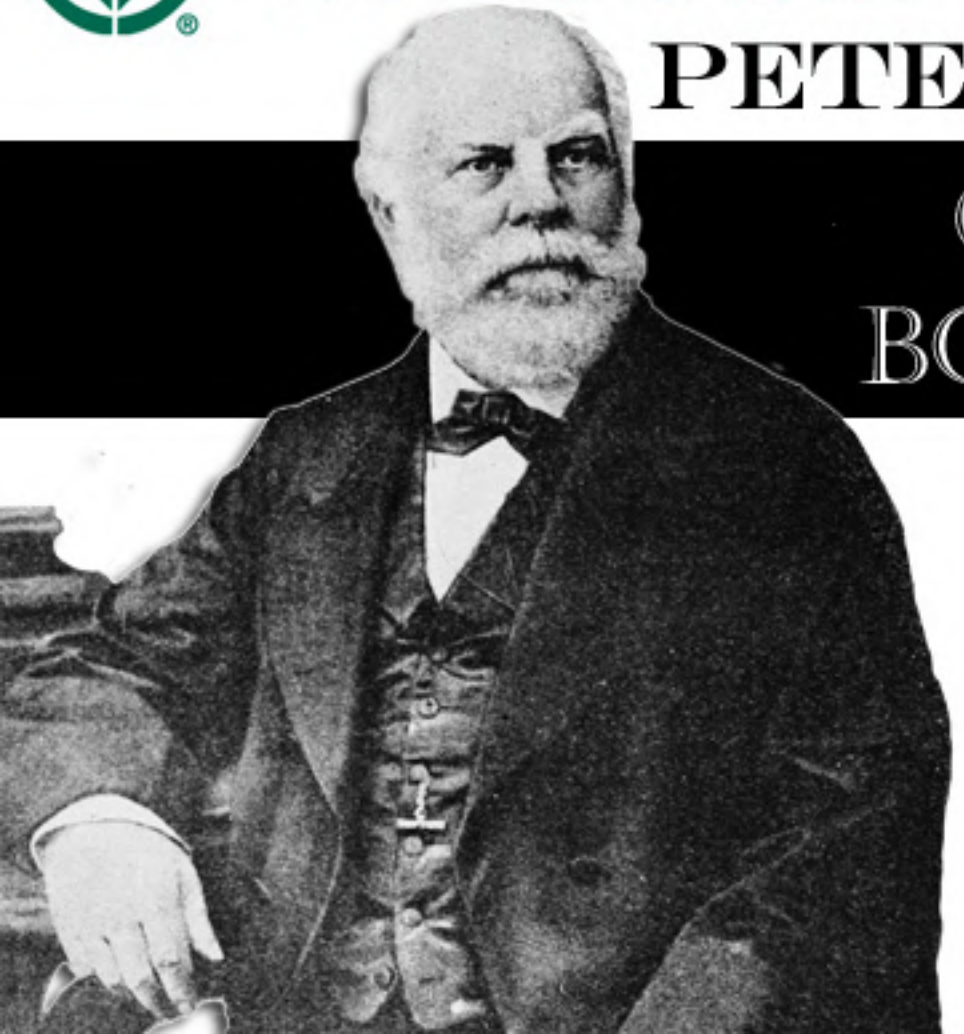

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Bonn Juni 1858

Mamillaria polyedra

aus einer Menge
Land ist sorgfältig
welche Oberfläche zu
der sie, mit einem
zu theilen, sorgt hierin
Ammoniak nicht,
sondern Alcohol

Mehlsand. die Milch besteht
kleiner Körperchen, die sich mit
einer kleinen Lupe gesehen
einem. die ersten neuen
Centrum wird, Anfangs schwach
Mehlig durch. Die Pflanze
aber älter lässt sie mehr durch,

1110

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manchuriæ Closiana Roum. = Bull. Bot. Soc. Fr. t. 372

from the neighborhood of the City of Mukden. between

M. Hystrix & M. Haworthiana

1111

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Angulosae a Tetragonae — crocidis. Temperies

6. polyedrae xanthotrichae polyedra
anisacanthae
polygona

c=. macrothelae — magnimamm
arictina. pentacanth.

Phymatothelae Ludwigii

Gladulifera — macrothele. Lehmai

Aulacothelae — comifera,
Elephantidens.

Asterophora asellifonis is immersa!

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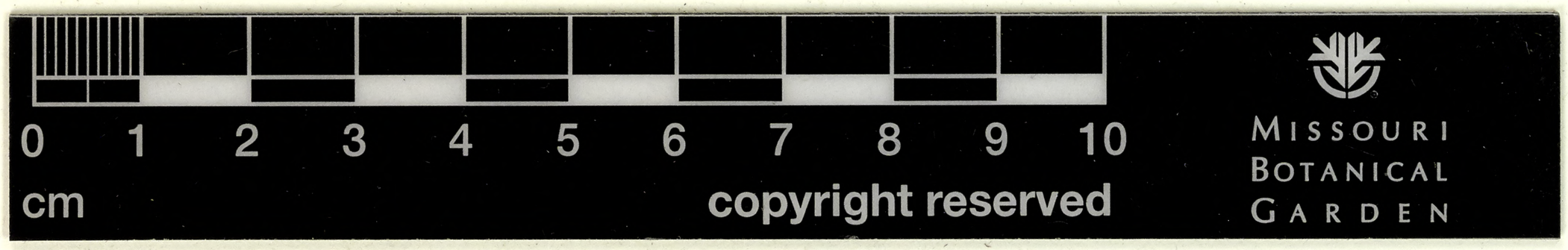

& Kummer says that man. setosa, rhodantha,
& columnaris a Colony to polystachia.

1112

Munich Nov 1857

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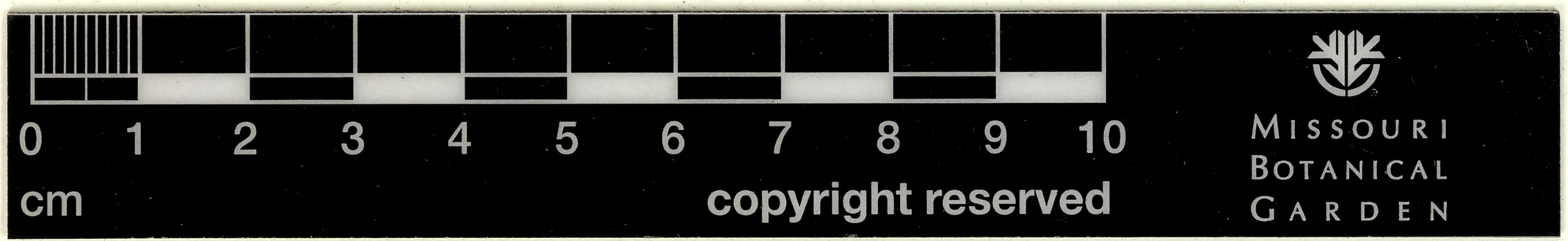

1

White turns black!

2

MAMMILLARIA WRIGHTII.

1113

Flowers of March 1893

H. B. Möllmann

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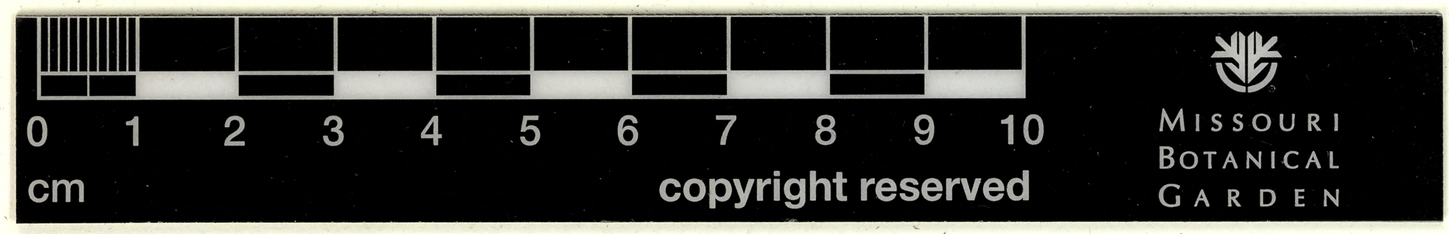

Mamillaria plumosa? DC ?

Lima July 2d - 1839

U.S. Explor. Exped.

Flowers not observed?

is it a Coryphantha?

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18-22 white gravel
red. spikes
4 darker ovate
entire ones.

polished, branch
waxy, juice

M. discolor
Gribble
M discolor Gribble
May
1863

entirely
11-10-11 l. leg with exact ovary! from a
woolly axilla

20-22 linear-oblong petals, in several series,
obtuse, ~~rose~~ colored in centr
5 stigmata erect adpressed yellow
lower part of tube 1 line long
extremely narrow, naked.

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APOTHECARY & PHARMACEUTIST.

Marble Building Cor. Fourth & Olive Sts. St. Louis, Mo.

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Mamillaria pusilla May 1862

x 30

pulp of fruit itself

scarcely any pulp in seminal cavity
what there is seems to be
composed entirely of the large
cellular juicy funiculi — but
seed very readily detached from
them in ripe fruit.

Pits in the moist seed not fresh
visible, appearing only when it
gets dry — disappears again
upon moistening them..

1116

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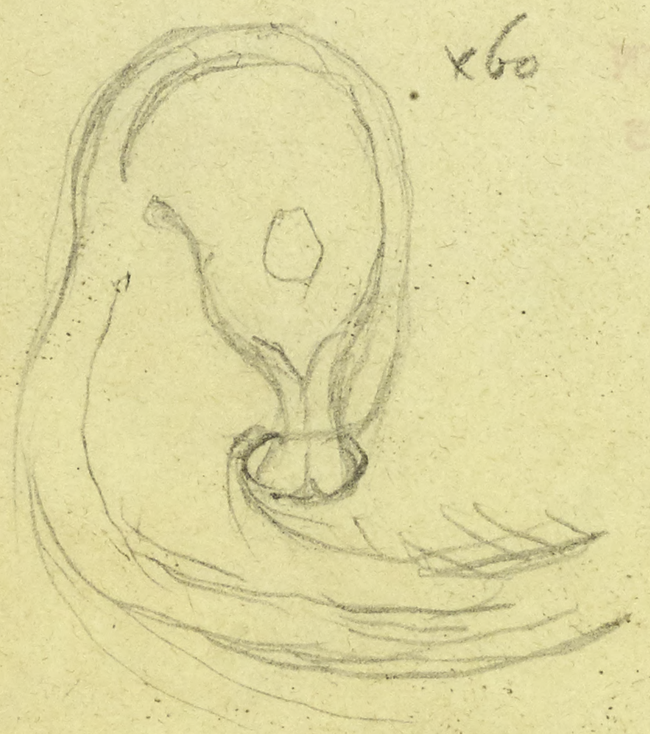
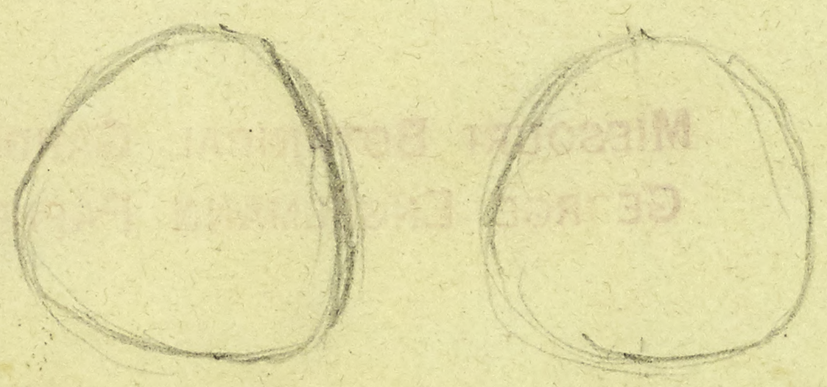
Mass Wildriana Jun 1860.

oval 13 lines / 60

tube elongate, naked at base, contracts above nat only nearly 1 line



×60



9/4 12

Ale grains ovoly blackly 3 angled 9/4 12 li Diger

rarely 9½/4 12

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Mam - Schiedeana

May 1862

Cult Shaw

color Best.

all the fruits sterile!

1118

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SOUTH-EAST CORNER OF FOURTH AND MARKET STREETS,
ST. LOUIS.

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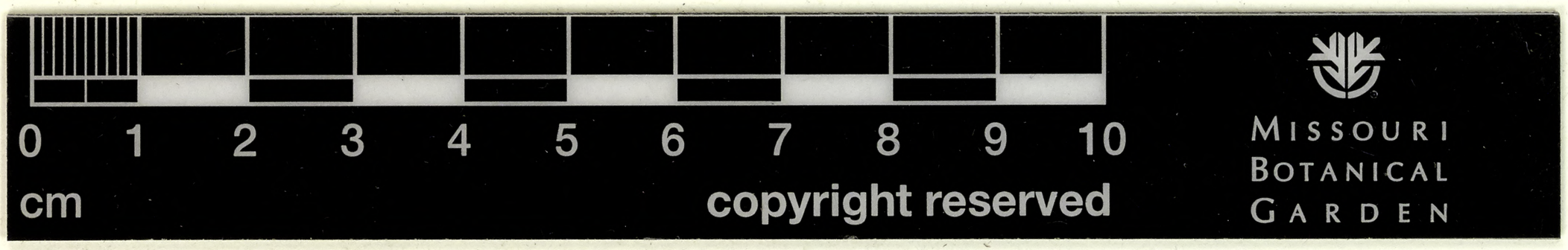

July 23 1867

1119

Mamillaria Schelhasii van rosea

from seeds rec^d at Mr Baumann's, Vienna, under the name of M. Scheidweileriana (now 105 Seedlings now in the third year, or 2¼ years old in flower since several weeks.

I notice some plants with smaller dirty white and some with larger red flowers, all from the same seed; the former are the regular M. Schelhasii, the latter M Scheidweileriana or van rosea or purpurea of the former flowers of the former ½ l. long, 6 lin wide, filaments very pale red — otherwise the same

M. Schelh. van rosea flowers ¾ l. long. 8 lin in diameter when fully open.

Ovary ~~ext~~ oval,

tube constricted above the ovary, widening upwards, naked and green below.

Sepals 8, the inferior ones oblong-linear acute dentate-lobate, mucronate, upper ones minutely serrate.

Petals 13 shorter than inner sepals and narrower, (acute linear) acutish

lower part of tube constricted naked nectariferous, ¼ lin long

filaments red anthers almost orbicular-reniform.

Style longer - stigmata 3 oval ~~at last~~ patulous or at last reflexed.

Ovules rather few, on single very filamentose funiculi of their own length.

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Ram. Schelhaasii var rosea
coll. cy Fam. Hort Baumann.
Vienna
sub nom R. Schweinfurthiana
Aug 23 1861

x 612

11/2 III
612

Pollen

x 30

x 30

x 30

x 60

x 30

older style

younger style

1120

M. W. ALEXANDER,

SOUTH-EAST CORNER FOURTH AND MARKET STREETS,

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Manisuri Leavenworthi var applanata
Texas

April 23 1861

1121

×412

Pollen

×30

×60

×30

×4

seven greenish yellow stigmata

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GE[illegible]
[illegible] PAPERS

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ex Hort Chalmers
pasce lactescens

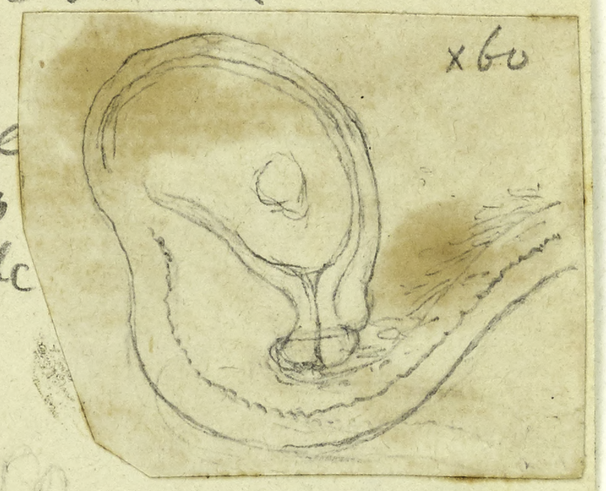
Mamill. coronaria var.
6 dark central 16–18 white radial spines

11 May 1861

flores ovario erecto in axilla pane villosa

5 stigm. yellow.

9–10 sepals
15–18 petals mucron lanceolat } all deep purple



x10

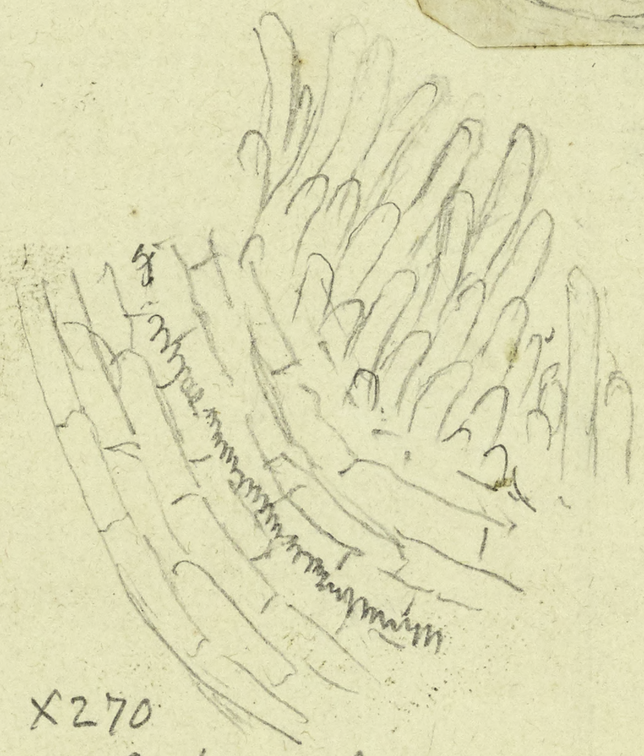
x4

x412

Pollen

abortive Pollen

x30



x270

part of funicular with th appendages

1122

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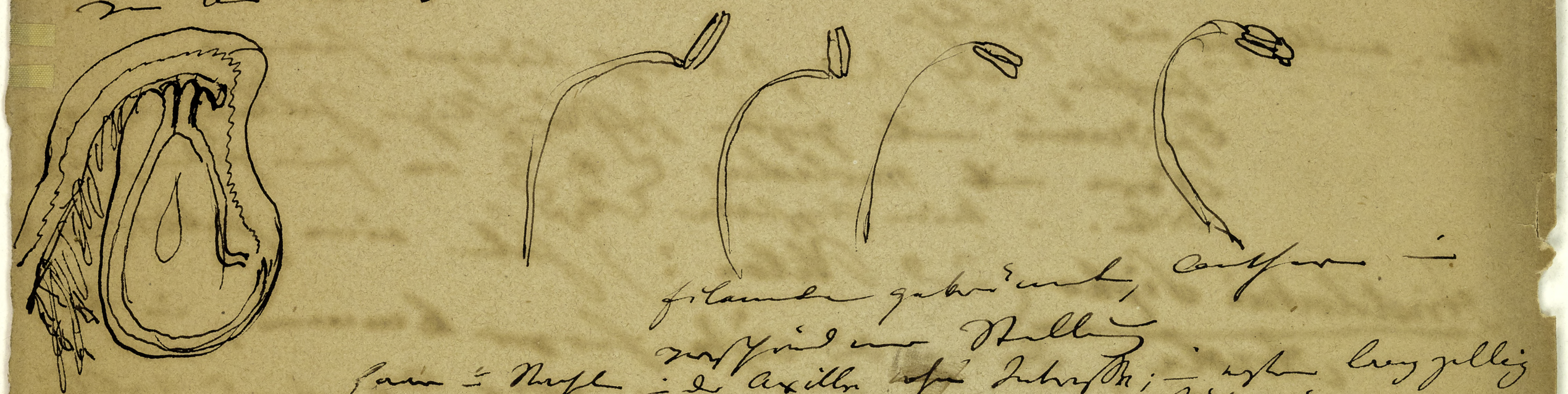
Bonn June 1858

Mam. lanuginosa polycdra Upwärts gelbe wölfig blasse 5–6 gabl Strahlen, Kegel, langzellig warzig-cariöse, cilia, petals 8, kürzer, ansteh, stumpf lanzett- der Spitze, — unten Gelb Reihen, fast 1½ lin lang unbek

Pollen [illegible] 3 kurzig [illegible] viel blasser als Quantin, blasse fein [illegible] gekörnt, mit Geschlechtern [illegible], wolf [illegible] an der Basis eingeschnürt [illegible] oder nicht gestielt, viel klein.

Fruchtkelch eingesenkt, fast ganz, mit spitzen Lappen in gelbliche Haare, eben [illegible] warzige gelagt, zu den Cereus



[illegible] Haare [illegible] Kopf [illegible] Axillen [illegible] Zahnstich; [illegible] lang gelblich [illegible] einen [illegible] Reihen.

Mam. mutabilis

oblong [illegible] weisslich, [illegible] spitz [illegible] spitz [illegible] fein gesiegt, petals 10–12 kürzer, spitz [illegible] roth gespitzt — stigmata gelblich weiß, 6 [illegible] Gelb [illegible] macht einen [illegible] Linie lang.

1123

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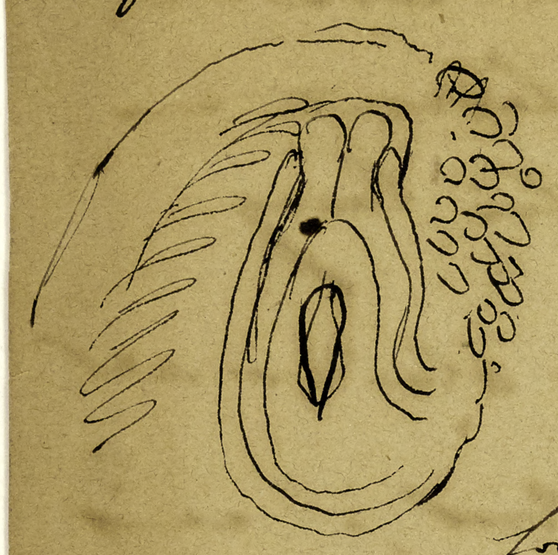
Ovula auf den Placenten papillos, eigentlich
funiculus d. Mikropyle anliegend, fleischig, innen



Zellen eigentlich den der vorigen
Gruppe ähnlich. Epithelzellen.
Die Samen an der Basis der Placenta, die
gleich den der areola glatt, fleischig
Hülle die Zellen eigentlich, wie der Kern
Form sehr lang ist.
Zellen mit d. Oberhaut der Ovula
wahrsch., die Hülle besteht aus der Cut. Stomata

Mam. Schiedeana Pflanze mit horizontal abstehenden ausgeb.
Blattscheiden oder ganzen Endabschn.

M. multiceps mit schiefer
Wurzel, dg die Pfl. oft lange Zeit
Epidermis mit großen polygonalen Zellen wenig
Area mit Nucleolus dem feinkörnigen Inhalt
Oel. — kein Amylum

Aristolochia Sipho (= A. Tilea!) Fol. eiförmig pubescirend
Areola, da wo die Pfl. fortsetzen kann, in der
axilla! die Pfl. wird 20 4–5 jährig,
blüht.

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Hort Schaefer, Münster Sum 1857

Mam. glochidiata var *rosea*, a very pretty cespitose plant, with red pulp, resembly in that respect *M. pusilla*; crowned with pretty red flowers. 5 very small white stigmata, small naked space at the base of tube; 13 ovate petals

1124

Mam. viridi with bright yellow flowers, but of same size than most similar Mam. flavis

M. mutabilis & *M. persicina* have deep red crown flowers.

M. quadrispina & *M. rosea* are a little lighter red.

M. persicina has a head of 5 green stigmata / base of
very small naked space in tube of flower.

Mam. cubensiformis in hort Berol. Berlin May 20th 1857
ovoi excentr, ft. 1 inch long & 1 inch diameter
pale sulphur yellow, dup orange yellow anthers
6–7 stigmata — silver sepals & outer petals
pale, obtusish, dentriculate, interior petals
acuminate. — Very similar to *M. sphaero-*
ca but flowers much smaller.

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